## LAND RECLAMATION COMMISSION

### STATE OF MISSOURI

P.O. BOX 176 JEFFERSON CITY, MISSOURI 65102 573-751-4041

# Permit To Engage in Surface Mining

### LAND RECLAMATION COMMISSION

### ISSUES TO STANPHILL STONE

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on 20 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres	Acres	Total	Site/Stream	Site
				Renewed	New	Acres	Name	Number
Lawrence	30	26N	28W	8	0	8	Rock Bottom	0605
Newton	26	26N	29W	12	0	12	Stanphill	0606

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this

26th day of

May 2004

/ DIRECTOR OF STAFF
Land Reclamation Commission

 Permit No.
 0647

 Effective Date
 05/26/2004

 Expiration Date
 04/18/2005

MO 780-1122 (6-95)



## MISSOURI LAND RECLAMATION COMMISSION

MISSOURI DEPAI(TMENT OF NATURAL RESOURCES LAND RECLAMATION COMMISSION PERMIT RENEWAL FORM FOR INDUSTRIAL MINERAL MINES

P.O. BOX 176 JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PAR	RTNERSHIP OR INDIVIDUAL		DATE		
Chambill Chama				4/5/2003	
Stanphill Stone				4/3/2003	
ADDRESS		CITY	STATE		ZIP CODE
P.O. Box 146		Pierce Cit	,	МО	65723
CONTACT PERSON			TELEPHON	E NUMBER	<u> </u>
Jerry Stanphill				(417) 476-3	037
FEES: COMPLETE SECTION O	P SECTION II				
Section I. Fees: Open pit operat		an 5 000 tons of sa	nd and/or gravel:		
To compute the site fee comple	<del>-</del>		<b></b>		
	<del></del>	·	For sites op	erated less than	six months per
SITE NAME OR NUMBER (add a	Mark each month that the	site will be operate	ed permit year i	pay \$150	
separate sheet for additional sit эs)*	during the permit year		1	erated six month	s or more per
4 65-44 (		Ave Con Ort New D	permit year	pay \$300	·
Site #1 (Lawrence County)     Site #2 (Newton County)	Jan, Feb, Mar, Apr, May, Jun, Jul Jan, Feb, Mar, Apr, May, Jun, Jul				
3.	Jan, Feb, Mar, Apr, May, Jun, Jul				
4.	Jan, Feb, Mar, Apr, May, Jun, Jul				
5.	Jan, Feb, Mar, Apr, May, Jun, Jul				
6.	Jan, Feb, Mar, Apr, May, Jun, Jul				
7	Jan, Feb, Mar, Apr, May, Jun, Ju				
8.	Jan, Feb, Mar, Apr, May, Jun, Ju				
9.	Jan, Feb, Mar, Apr, May, Jun, Ju				
10. TOTAL SITE FEE	Jan, Feb, Mar, Apr, May, Jun, Ju	, Aug, Sep, Oct, Nov, D	ec \$0 > \$450		
TOTAL SITE FEE			3430		
Acreage fee \$5 X      Annual Permit Fee			\$500		<u> </u>
4. Total Fee (Add totals from 1, 2,	and 3)				-
SECTION II. FEES: Sand or grad	vel operators mining less than	5,000 tons per yea	ır:		
1. Annual Permit Fee			<u>\$300</u>	_	
SIGNATURE OF APPLICANT	-100	TITLE		DATE	1-11
puy sary	ahall	Ocen	ER	9/10	104
, <i>.</i> ———	Oth day of May		JERRY STANI	PHILL	
to me personally known, who execute NOTARY PUBLIC EMBOSSER SI AL	STATE OF	deeds.	COUNTY (OR CITY OF	ST LOUIS)	
	į –		Coom (on on on	o200.0,	
	MISSOURI		LAWRENCE		
	SUBSCRIBED AND SWORN BEFO	RE ME, THIS			
	10th <sub>DAY OF</sub> May	YEAR 2004	USE RUBBER STAM	P IN CLEAR A	REA BELOW.
	NOTARY PUBLIC SIGNATURE	MY COMMISSION			
		EXPIRES			
	Wanda & P.	02-24-2008			
	NOTARY PUBLIC NAME (TYPED O	R PRINTED)	†		
ı	WANDA K. PRUIT	•	1		
COO DECADENTALIST COMMANDE					
FOR DEPARTMENT USE ONLY: APPROVE	/ //		PERMIT NUMBER		EXPIRATION DATE
Michael 3 de	lu 1 (5)	24/04	0647		4/18/05
MO 780-1780 (12-02)					111.0100





MAR 28 1994

To be completed for each separate area o	i disturbance associate	d with mining operation	
SITE NAME OR NUMBER		PERMIT NUMBER	RECLAMATION COMMISSION
Site 1		64	
COMPANY NAME			
Rockbottom Quarry	1/4 SECTION		SECTION
COUNTY	1,702011011		
Lawrence	SW4		30
OWNSHIP	RANGE		ACRES
26N	28W		8
IVER OR STREAM NAME (FOR IN-STREAM ACRES	3)		
N/A INERAL COMMODITY		ESTIMATED TONS/YEAR (F	OR GRAVEL SITES)
VERAL COMMODITI			· · · · · · ·
Limestone		N/A	
AME OF LANDOWNER (ATTACH LIST IF MORE T	HAN ONE)		
Robert & Jack Smerdon		-	
DDRESS			
Rural Route			
ITY		STATE	ZIP CODE
Pierce City		мо	65723
OURCE OF RIGHT TO MINE (CHECK ONE):		<u> </u>	DATE OF AGREEMENT
MINERAL DEED		X LEASE	
-		VERBAL AGREEMENT	February 24, 1993
☐ WARRANTY DEED		LI VENDAL AGREEMENT	
OTHER (DESCRIBE):		<del></del>	
IINERAL RIGHTS OWNER (ATTACH LIST IF MORE	THAN ONE)	_	
	- · · · •		
(Same as above)			
DDRESS ,			
		STATE	
ITY		SIAIE	ZIP CODE
ITY		STATE	ZIP CODE
		STATE	
OURCE OF RIGHT TO MINE (CHE 2K ONE):			DATE OF AGREEMENT
OURCE OF RIGHT TO MINE (CHE CK ONE):  MINERAL DEED		LEASE	
COURCE OF RIGHT TO MINE (CHE 2K ONE):  MINERAL DEED  WARRANTY DEED		LEASE VERBAL AGREEMENT	
OURCE OF RIGHT TO MINE (CHE CK ONE):  MINERAL DEED		LEASE VERBAL AGREEMENT	





MISSOURILAND

P.O. BOX 176 JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):	RECLAMATION COMMISSION
SHORT TERM, FOR ONE PERMIT YEAR LONG TERM, FOR PERIOD THROUGH DATE: N	ovember 30, 1993 - Nov. 30, 1998 (off PN)
	COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION
AND TOPOGRAPHY	COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION
SITE 1	
This plan covers an area of 70 a steeply sloped and heavily woods is bordered to the South by cour	acres. Most of the mine area lies in an area which is ed at perimter. Topsoil is thin and rocky. The area nty road.
	RECEIVED
	MAR 28 1994
	MISSOURI LAND RECLAMATION COMMISSION
OPERATION PLAN - 10 CSR 40-10.020(2)(D)1	
A. TOPSOIL	
AVERAGE DEPTH OF TOPSOIL, PHOR TO LAND RECLAM	MATION COMMISSION PERMITTING IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?
	6 INCHES YES OR X NO
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPS	SOIL REMOVAL
Because the topsoil is only 6 in moved to obtain a total of 12 in	zers, the top 12 inches of soil will be removed by scraper. Inches deep, an additional 6 inches of subsoil will be remothes of soil for replacement. Topsoil removal will be ing for the areas to be mined the following year. Topsoil of feet a head of pit excavation.
DESCRIBE METHODS AND EQUIPMENT USED FOR TOPS	SOIL STORAGE AND PROTECTION
The scrapers will deposit the sewill be shaped and seeded with	oil in stockpiles near the county road. The stockpiles grass to protect from erosion.

MAY 1 7 1996

			MISSOLID
2 6001	· · · ·		RECLAMATION COMMISSION
B. SPOI		AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL	COMMISSION
JESCHIBE	METHODS	AND ECCATION OF SPOIL PEACEMENT AND DISCOSAL	
		the state of the s	mined out portions of the
All	overbur	den removed from the pit will be placed in the aded to generally traversable slopes before tops	mined-out portions of the
pit	and gra	ided to generally traversable slopes before topo	.011 10 10p10000.
			PECETTE
			DECEIVE
			$\mathbf{r}$
			MAD 9 9 1004
			MAR 28 1994
			MISSOURILIANT
. ACID	MATER	IALS	PECLAMATION COMMISSION
		AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIF	
ESCHIBE	. WETHOUS	, AND EGON MENT GOED LOW WATER WAS A WAY TO IN MONE IN MANY OF	THE HOME BEENNY
A th	in laye	erof intermittent chert lies within the limestor	ne which is slightly acidic.
This	will	be incorporated into the commercial products.	
D. PIT I	NFORMA	TION (GIVE ALL DIMENSIONS IN FEET)	
ESCRIBE	LOCATIO	N AND ORIENTATION OF PIT, IF NOT CLEAR ON \$ITE MAPS	
	C	cut open will be to the north of the permit. F	rom there the pit will advance
	h	the lactho mit mears the south edge. A Defill Wi	II constructed of faire
houl	dere (	minimum of 1%' in diameter) along the south pro	perty line. The excavation
will	be sl	oped to a generally traversable grade.	
YES	NO		
	$\mathbf{x}$	Will any excavation be at or within fifty feet (50') of the right-of-w	vay of any public road?
			• • • • • • • • • • • • • • • • • • • •
	x	Will any highwall consisting of unconsolidated materials be le	ft within fifty feet of the right-of-way of any
	بعق	public road? (NOTE: For unconsolidated materials left in place	
		start near the right of way, and in no case may the excavation	• • • • • • • • • • • • • • • • • • • •
		or twenty-five feet plus one and one-half (1-1/2) times the dep	oth of unconsolidated material, whichever is
		greater, unless a variance is granted by the Commission.)	
	X	Will any excavation start at or within fifty feet (50') of any proper	ty line?
		(NOTE: If the answer is "yes", a safety barrier may be needed.)	
		(110.12. If the alletter to yes, a barrer barrier may be needed.)	

MO 780-1327 (12-91)

 $R^{ECEIVE}_{MAY 171996}$ 

RECLAMATION PLAN - 10 CSR 40-10.	020(2)(D)2.		^-	Misso	
A. REVEGETATION (Attach addition.			MECL.	MISSOURI LAND	
REVEGETATION MIX #1	PURPOSE OR LAND USE	E	B. SEEDING OR PLAN	MISSOURI LAND NTING TIMEN COMMISSION	7.
# 1		homesite	to be det	ermined ""WISSON	v l
DESCRIBE METHODS AND EQUIPMENT TO BE  During the first spring fo and harrowed. After grass will be hand planted.	llowing tonsoil rep	lacement the seed	l mix will sion, trees	be broadcast and shrubs	
Lime and fertilizer will be applied accowill be applied to all slopes exceeding to		s made, based on an anal	ysis of soil tex	cture and nutrients. Mu	lch
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB S	SPECIES	STEMS/ACRE	
Fescue	20	Autumn Olive		50	
REVEGETATION MIX #2 None	PURPOSE OR LAND USE Pasture \$\int I	ock Pile Area	B. SEEDING OR PLAN	NTING TIME	
THE REMOVEAL STOCK P.LE A	USED FOR SEEDING OR PLANTI	iss crushe	d Roc	o soil	
FROM STOCK P.	Le To The	WEST WIN	L be	moved ove	R
IT by DozER 7	This summe	R. Duskin	g AN	d Seedeng	•
This FALL FES Lime and fertilizer will be applied accountil be applied to all slopes exceeding	SCUE 4 CLO ording to recommendations 5:1.	VCR MIX s made, based on an ana	lysis of soil tex	ECS. kture and nutrients. Mu	ılch
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB	SPECIES	STEMS/ACRE	
			RECE MAR		
			Millio	URI LA <b>NO</b>	
			RECLANIATION	N COMMISSION	

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.



B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

MISSOURI LAND RECTAMATION COMMISSION

All spoil areas will be graded to slopes traversable by farm machinery. A nominal  $2\frac{1}{2}$  acre lake will be constructed in the final pit area. The lake will be designed and constructed to mee: SCS standards. Remainder of area will be home site.



MAR 28 1994

MISSUMMEANU
RECLAMATION COMMISSION

# C. DESCRIBE THE GENEFAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Grading will be done as the pit advances and as spoil is placed in the mined-out portions. Final grading will completed within one year after mined-out portions are backfilled. No Mining Occured IN 1995. CLEAN up of STOCK PLE AREA A Supplied Rock for SALES.

REPLACEMENT OF TOPSOIL

Topsoil will be laid down within one year after each area is final graded. Topsoil will be replaced to a uniform depth of 12 inches and disced to reduce compaction.

TOPSOIL WILL BE REPLACED WITHIN ONE YEAR OF FINAL GRADING OF AREA WILL BE COMPLETE THIS SUMMER.

STOCK PILE AREA B WILL BE USED, FOR LIME, O.S.

REVEGETATION

All topsoiled areas will be seeded during the first spring following topsoil replacement.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

D. USE OF LAND WHEN FIECLAIMED

Estimate acreage of each land use below, after reclamation

Wildlife (forest or other habitat with livestock excluded)

65

Agricultural (pasture, crop and, and horticultural)

NA

Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

2½

By my signature, I attest to the following:

MISSOURI LAND
RECLAMATION COMMISSION

- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.



MAR 28 1994

MISSOURI LAND RECLAMATION COMMISSION

SIGNATURE OF APPLICANT	TITLE OLENE	Ĉ.	DATE 12/29/93
NOTARY PUBLIC EMBOSSER SEAL  STATE  SUBSCRIBED AND SWORN BEFORE ME, T	THIS		runce
29 DAY OF WEC	MY COMMISSION	USE RUBBE	R STAMP IN CLEAR AREA BELOW
Dehoral a. Jan	ntn Xipt 13.	1995	
Deboral A. Iciun	-ch		
APPROVED BY (DIRECTOR'S REF RESENTATIVE)	DATE APPROVED   4/27/9	4	PERMIT NUMBER (37 647
MO 780-1327 (12-91)			PAGE 5 OF 5





ITE NAME OR NUMBER	İ	PERMIT NUMBER	RECTAN	MISSOURI LAND MATION COMMISSION
Stanphill Stone		647		
COMPANY NAME			we of _=	me (a)
Bedrock Industrial Dev	elopment Shangh	Stone - un	-, K.	(371.
COUNTY	1/4 SECTION		SECTION	
Newton	N.E. ¼			26
TOWNSHIP	RANGE		ACRES	ong Term 40 Acre
26 N	29 h	٧	I	nitial - 8 Acre
RIVER OR STREAM NAME (FOR IN-STRE	EAM ACRES)			
N/A				
MINERAL COMMODITY		ESTIMATED TONS/YEAR	(FOR GRAVE	. SITES)
Limestone		250,000	T/Year	
NAME OF LANDOWNER (ATTACH LIST	IF MORE THAN ONE)		<del></del>	
Dwight and Laura Rose				
ADDRESS	JC 1 C 1 3			
R.R. 1				
K.K. 1		STATE		ZIP CODE
			,	
Pierce City SOURCE OF RIGHT TO MINE (CHECK C	ME).	Mussouri		65723
MINERAL DEED		E LEASE		March 3, 1997
WARRANTY DEED		VERBAL AGREEMENT	,	
OTHER (DESCRIBE):		TENDAL MONLEMENT		
THEN (DESCRIBE):				
trip et				
MINERAL RIGHTS OWNER (AT ACH LI	ST IF MORE THAN ONE)	_		•
	(Same as Above)			
ADDRESS	\$ 100 to 100 to 7 to 100 to			
<b>*</b>				
CITY		STATE		ZIP CODE
oficial Total				
SOURCE OF RIGHT TO MINE (CHECK C	DNE):	<u> </u>		DATE OF AGREEMENT
MINERAL DEED		LEASE		
		VERBAL AGREEMENT	-	
WARRANTY DEED				
WARRANTY DEED  OTHER (DESCRIBE):				



P.O. BOX 176

PE OF PLAN (CHECK ONE):  SHORT TERM, FOR ONE PERMIT YEAR		D JEFFERSON	
I BRUNI IENM, FUN UNE FERMIT TEAR	COMPANY NAME	MISSICN STONE	•
LONG TERM, FOR PERIOD THROUGH DATE: 8/1/200		W ROUNG	
SCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMIS	SION PERMITTING (BY APRILICANT OR B	PRIOR ORERATORS INC. LICI	NO CON LICOSTATION
OPOGRAPHY.	SOUR FERMIT KING (B) AFFEICART OR F	THOM OPERATOR), INCLUDI	NG SOIL, VEGETATIO
<u> </u>	•	• • • • • • • • • • • • • • • • • • • •	
The mine site covers approximately 40	Dacres. The site to be n	mined is steeply	sloped with
very little topsoil.Where topsoil ex	kists it is extremely th	in (approximately	/ 2"). Most
of the site has exposed outcroppings	of the limestone ledges	to be mined.	
n d			
<i>₹</i>		•	
1		•	
. '			
			•
i			
	1		. •
		<i>:</i>	
EDATION DI ANI 40 COD IIO 40 COCCUTA			
ERATION PLAN - 10 CSR (10-10.020(2)(D)1.			
RAGE DEPTH OF TOPSOIL, PRICE TO LAND RECLAMATION	COMMISSION PERMITTING	IS TOPSOIL TO BE SOLD OF	DISCARDED OFFSIT
	2		•
	INCHES	YES OR W NO	:
of soil mantle will be removed and stocation where surface mining will in	tockpiled. This removal i	will only occur a	at the
of soil mantle will be removed and st docation where surface mining will in	tockpiled. This removal i	will only occur a	at the
of soil mantle will be removed and stocation where surface mining will in	tockpiled. This removal i	will only occur a	at the
f soil mantle will be removed and st ocation where surface mining will in	tockpiled. This removal i	will only occur a	at the
f soil mantle will be removed and st ocation where surface mining will in	tockpiled. This removal i	will only occur a	at the
of soil mantle will be removed and stocation where surface mining will in	tockpiled. This removal in mediately occur. Equipme	will only occur a	at the
of soil mantle will be removed and solocation where surface mining will in and loader and scrapers.  CRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORES	tockpiled. This removal in mediately occur. Equipmediately occur.	will only occur a ent used will be :	t the front
of soil mantle will be removed and solocation where surface mining will in and loader and scrapers.  CRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORE TOPS	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
ocation where surface mining will in the description of the surface mining will in the surface mining will in the surface mining will in the surface mining will be stock that the surface methods and soil mantle will be stock the surface manuface will be stock that the surface manuface will be stock the surface manuface will be stock that the surface manuface will be stock that the surface manuface will be stock that the surface mining will be sufface mining will b	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
f soil mantle will be removed and socation where surface mining will in it in a loader and scrapers.  CRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORMS opsoil and soil mantle will be stockles will have a maximum three (3)	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
f soil mantle will be removed and socation where surface mining will in the loader and scrapers.  CRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORMS opsoil and soil mantle will be stockles will have a maximum three (3)	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
f soil mantle will be removed and socation where surface mining will in the loader and scrapers.  CRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORMS opsoil and soil mantle will be stockles will have a maximum three (3)	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
ocation where surface mining will in the description of the surface mining will in the surface mining will in the surface mining will in the surface mining will be stock that will be stock the surface will have a maximum three (3) in the surface of the surface will have a maximum three (3) in the surface of the surface will have a maximum three (3) in the surface of the surface	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
of soil mantle will be removed and solocation where surface mining will in end loader and scrapers.  Chibe METHODS AND EQUIPMENT USED FOR TOPSOIL STORE STOR	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
of soil mantle will be removed and solocation where surface mining will in end loader and scrapers.  CRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORE STOR	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
of soil mantle will be removed and solocation where surface mining will in end loader and scrapers.  CRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORE STOR	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
of soil mantle will be removed and solocation where surface mining will in end loader and scrapers.  CRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORE STOR	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front
of soil mantle will be removed and solocation where surface mining will in end loader and scrapers.  CRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORE STOR	tockpiled. This removal in mediately occur. Equipmediately occur. Equipmed at hte outer limi	will only occur a ent used will be : : ts of the mine s	it the front

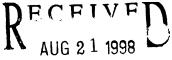
PERMIT NO. 0647 SITE NO. +/or NAME SITE NO.

PAGE 1 OF:

B. SPOIL				NCCOLUL AND	
DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL		MISSOURI LAND RECLAMATION COMMISSION			
prévious 1	urden removed from the mine y been mine out. Exposed sl	lopes of the o	ed in areas of toverburden storag	he pit which	have
to a three	e (3) horizontal to one (1)	vertical slo	pe.		• •
ı		j. •			
** ***		<b>:</b>	. •	2"	
				, , , ,	• • • • • • • • • • • • • • • • • • • •
			٠. ٠	12	
i.					
	<i>'</i>		•		
C. ACID MATER	RIALS			·····	
DESCRIBE METHOD	S AND EQUIPMENT USED FOR HANDLING A	CID MATERIALS (IF NO	ONE IS ANTICIPATED, WRIT	E "NONE" BELOW)	•
į	•		1		• • •
· •			•		
None			i	•	
					•
			,		•
			•		
D. PIT INFORM	ATION (GIVE ALL DIMENSIONS IN	FEET)		A	
DESCRIBE LOCATION	ON AND ORIENTATION OF PIT, IF NOT CLEAR	R ON SITE MAPS	•	•	•
			•		•
See Maps				•	•
·					
		·			
YES NO					
V				1.00	
	Will any excavation be at or within	n fifty feet (50°) of t	he right-of-way of any	public road?	
	Will any highwall consisting of u	inconsolidated ma	iterials be left within i	ifly feet of the righ	il-of-way of any
	public road" (NOTE: For uncons	olidated materials	left in place, a slope	of no more than fo	rly degrees may
	start near the right of way, and i or twenty-five feet plus one and	in no case may th	e excavation be close	r to the right of wa	al whichever is
	greater, unless a variance is grant			Ulisulluateu iliatei	ai, Willelievei ie
	Aicarait niiitiss a tatiatica is Aigiit	oo oy me commis	<sub>-</sub>		
	Will any excavation start at or with			•	, ~
	(NOTE: If the answer is "yes", a sa	afety barrier may b	e needed.)		/
MO 780-1387 (12-91)			•		PAGE 2 OF
ત.મ ફ					1

SITE NO.+/or NAME\_

PERMIT NO.

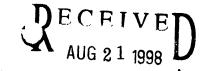


IECLAMATION PLAN - 10 CSR 40- I. REVEGETATION (Attach addit EVEGETATION MIX #1	ional sheets, if needed)	Anticle LAN	
EASOE 1V10M WIX 21	PURPOSE OR LAND USE Wildlife	Spring (Mai	nting time ch 15-May 15
material placed over the	n is complete, the end entire site. These and e of agricultural type	tire area will have topsoil a reas will be disked, graded e. Seeding will be complete o	amd "B" horizon
ill be applied to all slopes exceeding	scording to recommendations 19 5:1.	s made, based on an analysis of soil te	kture and nutrients. Mu
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Smooth Brome Red Clover	16 4		
		-	
VEGETATION MIX #2	PURPOSE OR LAND USE	8. SEEDING OR PLA	TING TIME .
in and fertilizer will be applied a	ccording to recommendations	s made, based on an analysis of soil te	kture and nutrients. Mu
SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
12			
		•	
TACH ADDITIONAL SHEETS FO	OR ADDITIONAL SEED MIXES	S.	

SITE NO.+/or NAME\_

ď

PERMIT NO.\_\_\_



		_	•				_
A.	ត	Ā	X	Б	N	ā	

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

MISSOURI LAND RECLAMATION COMMISSION

The site contains very little topsoil or overburden to be replaced onto the mine-out areas. In addition preliminary investigation indicateds a small amount of shale between limestone ledges which would require removal and subsequent replacement. Because of the site topography, the limestone should be able to be extrated potentially leaving a . free-drainging pit. All unconsolidated high walls will be knocked down. Barriers such as berms, shrubs, and large rocks will be placed at hte top of any remaining high walls. Plants and stockpile areas will be covered with topsoil and re-seeded.

			 											 					 _
_	_	- A A F	 4116	OFNE		~~~		-	ALID	T144		~ F	~ 1 1 1	 	~***				 
		P-1 : H	 IHE	COPNE	• на	SEL	11 I P N		ANII	1164	NI			 	1 JW 1	NII	A : :	110	 
•		,	 	GENE	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	~~~	~		DITE			$\sim$		 	~ 11 1		$\sim$		 

#### GRADING

Grading will be done as the pit advances into the hillside. Spoil material will be placed in the mine-out pit such to ensure drainage. Final grading will be completed within one year of permit expiration on minemout portion.

or renewal

### REPLACEMENT OF TOPSOIL

Topsoil will be replaced to a uniform depth up to 12 inches and disced to reduce compaction. Topsoil will be replaced within one year of permit expiration or

#### REVEGETATION

All topsoil areas will be seeded during the first spring following topsoil replacement.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)	
2" (topsoil) and 10" (mantle)	=12"
D. USE OF LAND WHEN RECLAIMED	ESTIMATED ACRES:
Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES.
Wildlie (forest or other habitat with livestock excluded)	
Agricultural (pasture, cropland, and horticultural)	35
Development (residential, Industrial, and recreational)	
Water Impoundments (for wildlife, agricultural, or development)	5
MO 266 1327 (12-91)	PAGE 4 OF

SITE NO.+/or NAME

By my signature, I attest to the following:

### MISSOURI LAND RECLAMATION COMMISSION

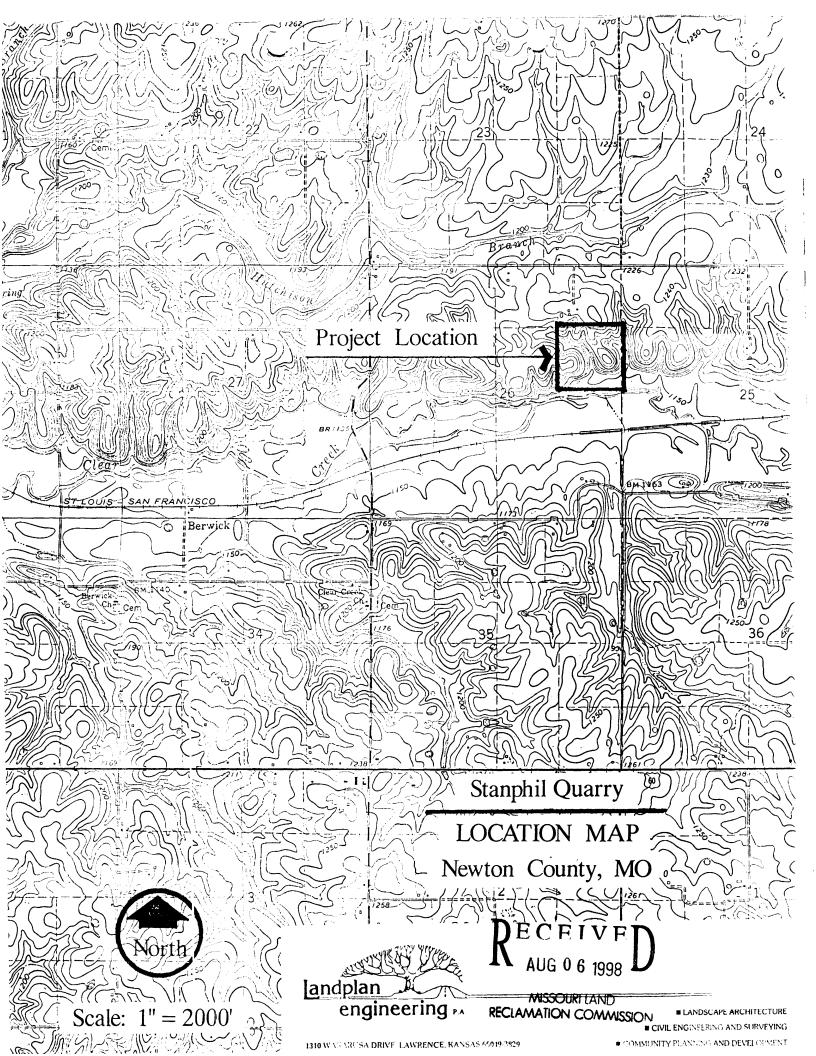
- 1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
- 4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

Jerry Stanphill, Operator P.O. Box 123 Pierce City, Missouri 65723

Has applied for a permit from the Department of Natural resources to mine <u>limestone</u> on 40 acres of land located in <u>Newton County</u>, <u>NEX Section 26 Township 26N, Range 29W</u>

This operation will be conducted during the approximate date of  $\frac{7-1-98}{2}$  to  $\frac{7-1-2013}{2}$ 

SIGNATURE OF APPLICANT	The O		TLE OLENEL	•	DATE 8/18/98
HOTANY PUBLIC EMBOSSEM SEAL	STATE MISSOURI			COUNTY (OR CI	TY OF ST. LOUIS)
	SUBSCRIBED AND SWO	ORN BEFORE ME, THIS		1	
	18th	DAY OF August	19 98	USE RUBBE	R STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATU		MY COMMISSION EXPIRES		
	Manda X.	Grutt	02-24-2000	]	•
	WANDA K. PRU	•			
APPADVED BY (DIRECTOR'S REP	RESENTATIVE)	D	ATE APPROVED	· · · · · · · · · · · · · · · · · · ·	PERMIT NUMBER
Chiertes	Shoo	- The second of	9/1/9	8.	0471
MO 780-1327 (12-81)			tt	<del></del>	PAGE 5 OF
PERM	11T NO. 0.647	SITE NO.+/or	NAME SIE	No 2	



ما

APPROX. 8 ACRES

